

emphasis shifted to publishing previously unedited technical treatises of the earlier 15<sup>th</sup> century, such as Konrad Gruter's systematically structured overview of pumps, mills and military technology from 1424, or the detailed descriptions of gears, clocks and measuring devices by the Venetian doctor Johannes Fontana (ca. 1420–1440). The most challenging undertaking in this field was the annotated new edition of the Codex Madrid I by Leonardo da Vinci, completed in four volumes in 2018. These volumes offer a comprehensive insight into the state of northern Italian technology and the associated mechanical theory. ASE 10 studies mediaeval shipbuilding technology in northern and southern Europe. Volumes 11 and 12 in the series, published in 2022, offer a summary of the previous Aachen publications as well as the results of international studies on energy sources during the Middle Ages, providing textual evidence and illustrations on the four main areas of technological development: sources of mechanical energy, transport infrastructure, heat sources, and the search for new energy sources. The continuation of the series is uncertain.